



NTSB

Crew Performance

- Train P-22 crew failed to reline a main line switch.
- Train 192 diverted onto industrial track.

Throughout the Day

- The crew worked at various industries.
- They had established a pattern of arriving at an industry, opening switches, performing work, returning to the main line and relining the main line switch.
- After completing their work, they repeated this routine at the next location.

At Avondale Mills

- Crew had only 50 minutes to complete their work
- Conductor failed to conduct a job briefing

An error of omission

- Performed tasks in a direct, linear succession
- Regular task sequence interrupted
- Change in plans created new sequence
- Crew accomplished their primary objective
- Crew directed their attention to a new task
- Banner not visible

Why the switch was not relined

- Functionally isolated
- Crew rushing to complete their duties
- Crew focused on the next task
- Switch banner not visible

FRA postaccident actions

- Safety Advisory 2005-01 (1/10/2005)
- Emergency Order 24 (10/19/2005)
 - Requires what the previous safety advisory had recommended
 - Demonstrated to to be of questionable effectiveness

Alternative approaches: possible ways to address the issue

- Strobe like device
- Electronic technology
- Additional ways to capture employee's attention



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